## Docket: 3816.04-D3

## Amendments to the Claims

1. (Previously presented) A wafer support tower for supporting wafers in parallel spaced relationship along a vertical axis, comprising:

two silicon bases;

- a plurality of silicon legs joined at opposite ends to said two bases; and
- a plurality of teeth cut into said legs at an upwardly sloping angle of between 1° and 3° with respect to said vertical axis to support said wafers on upper sides of distal ends thereof.
- 2. (Original) The tower of Claim 1, wherein said silicon legs comprise virgin polysilicon.
  - 3. (Original) The tower of Claim 2, wherein said virgin polysilicon has been annealed.
- 4. (Original) The tower of Claim 1, wherein support surfaces extending perpendicularly to said axis are formed in said distal ends to support said wafers.
  - 5. (Original) The tower of Claim 4, wherein said support surfaces are polished.
- 6. (Original) The tower of Claim 4, wherein said support surfaces support said wafers at places located at between 69% and 72% of a radius of said wafers.
- 7. (Original) The tower of Claim 4, wherein said teeth have a generally wedge shape with said support surfaces being formed in a narrower side of said wedge shape.
- 8. (Original) The tower of Claim 1, wherein said teeth have a generally wedge shape with said distal ends being located in a narrower side of said wedge shape.

- 9. (Original) The tower of Claim 1, wherein said plurality of legs consists of either three or four of said legs.
- 10. (Original) A method of fabricating a silicon support tower, comprising the steps of: in each of a plurality of silicon legs extending along a first axis, cutting a plurality of parallel slots to form teeth therebetween inclined at an angle of between 1° and 3° to a first side of said teeth with respect to a perpendicular to said first axis; and

joining opposite ends of said plurality of silicon legs to respective ones of two silicon bases to allow said teeth to support a plurality of wafers on said first sides thereof.

- 11. (Original) The method of claim 10, wherein said silicon legs comprise virgin polysilicon.
- 12. (Original) The method of claim 10, wherein said legs are annealed prior to said cutting step.
- 13. (Original) The method of claim 10, further comprising forming support surfaces extending perpendicularly to said first axis on said first sides of said teeth at distal ends thereof.
- 14. (Currently amended) A support tower for supporting wafers in parallel spaced relationship along a vertical axis, comprising:

two bases;

a plurality of legs joined at opposite ends to said two bases and disposable along said vertical axis;

a plurality of support teeth formed in said legs to have upper sloping surfaces sloping upwardly at a predetermined finite angle of no more than 3° with respect to said vertical axis; and support surfaces extending perpendicularly to said vertical axis formed in said upper sloping horizontal surfaces at distal ends of said support teeth to support said wafers thereon.

- 15. (Previously presented) The tower of Claim 14, wherein said bases and legs are formed of silicon members.
- 16. (Previously presented) The tower of Claim 15, wherein said legs are formed of virgin polysilicon members.
- 17. (Previously presented) The tower of Claim 14, wherein said legs are formed of quartz members.
- 18. (Previously presented) The tower of Claim 14, wherein said legs are formed of silicon carbide members.
  - 19. (Previously presented) The tower of Claim 14, wherein said angle is at least 1°.
- 20. (Previously presented) The tower of Claim 19, wherein said bases and legs are formed of silicon members.
- 21. (Previously presented) The tower of Claim 14, wherein said support surfaces support said wafers at places located at between 69% and 72% of a radius of said wafers.
- 22. (Previously presented) The tower of Claim 14, wherein said teeth have generally wedge shapes with said distal ends being located in a narrower side of said wedge shapes.
- 23. (New) The method of Claim 13, wherein said step of forming said support surfaces includes polishing portions of distal ends of said inclined teeth in a plane perpendicular to said first axis.
- 24. (New) A support tower for supporting substrates in parallel spaced relationship along a vertical axis, comprising:

two bases;

a plurality of legs joined at opposite ends to said two bases and disposable along said vertical axis; and

a plurality of support teeth formed in said legs to have parallel inclined upper and lower surfaces sloping upwardly from axial portions of said legs at a predetermined finite angle of no more than 3° with respect to said vertical axis except for horizontal surfaces extending perpendicularly to said vertical axis formed only in said upper sloping surfaces and configured to support said substrates.

- 25. (New) The tower of Claim 24, wherein said bases and legs are formed of silicon members.
- 26. (New) The tower of Claim 25, wherein said legs are formed of virgin polysilicon members.
  - 27. (New) The tower of Claim 24, wherein said legs are formed of quartz members.
- 28. (New) The tower of Claim 24, wherein said legs are formed of silicon carbide members.
  - 29. (New) The tower of Claim 24, wherein said angle is at least 1°.
- 30. (New) The tower of Claim 24, wherein said horizontal surfaces support said substrates at places located at between 69% and 72% of a radius of said substrates.